

ABSTRACT

A titanium copper alloy having excellent strength and bendability comprising 1.0 to 4.5% by mass of Ti, the balance of copper and inevitable impurities, characterized in that; diameters of the intermetallic compound particles consisting of Cu and Ti precipitated in the alloy are 3 μm or less; the average number of the intermetallic compound particles having the diameters of 0.2 to 3 μm is 700 or less per a cross-sectional area of 1000 μm^2 in a transverse direction to a rolling direction; the average grain size measured in the above cross-sectional area is 10 μm or less; and a tensile strength is 890 MPa or more.